

# METHODS OF DIAGNOSING AND TREATING CROHN'S DISEASE USING PSEUDOMONAS ANTIGENS

The present invention provides a method of identifying an agent useful in treating Crohn's disease. This method is practiced by culturing *P. fluorescens* under conditions that support growth; contacting the *P. fluorescens* with an agent; and assaying for reduced growth or viability of the *P. fluorescens* as compared to the growth or viability in the absence of the agent, where the reduced growth or viability of the *P. fluorescens* indicates that the agent is an anti-*P. fluorescens* agent useful in treating Crohn's disease. Also provided by the invention is a method of preventing or treating Crohn's disease in an individual by administering to the individual an effective dose of an anti-*Pseudomonas* vaccine.